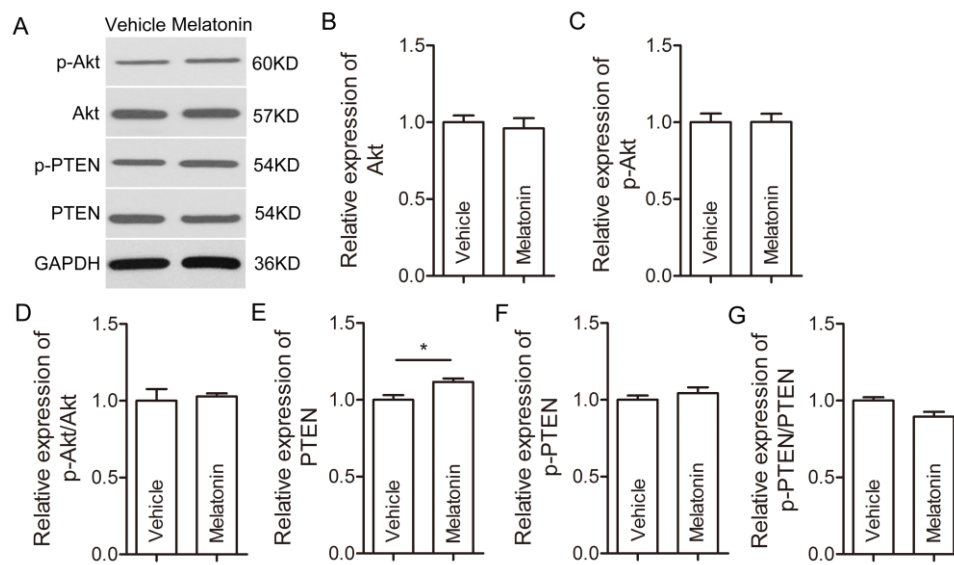


Supplementary information



Suppl. Fig. 1. Effects of melatonin treatment on PTEN/Akt pathway in normal neurons. In vitro, normal N2a cells were treated with 25 nM melatonin for 24 hours. (A) Representative western blots of p-Akt, Akt, p-PTEN and PTEN. Quantitative analysis of western blots data of Akt (B), p-Akt (C) expression, p-Akt/Akt ratio (D), PTEN (E), p-PTEN (F) expression, p-PTEN/PTEN ratio (G). The data resulted from Suppl. Fig. 1A. Values are mean \pm SEM. * p <0.05 vs. vehicle, Student's t-test. Samples were collected from three independent experiments, each performed in duplicate.